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Approved For Release 2002/07/01 : CIA-RDP78-06207A000100040043-6

15 MAR 1972

MEMORANDUM FOR: Deputy Director for Support

25X1A

ATTENTION : [REDACTED]

SUBJECT : Information Science Center (ISC)

Attached is a statement prepared by [REDACTED] and

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[REDACTED] the two CIA members of the ISC professional staff, concerning the computer equipment and computer programs associated with the ISC programs and their view of the feasibility of transferring the ISC program to a CIA program coordinated on Agency premises and utilizing Agency equipment.

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[REDACTED]

Acting Director of Training

Distribution:

Orig & 1 - Adse

1 - [REDACTED]

2 - ADTR

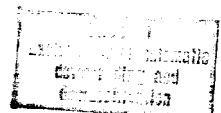
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STATINTL

MEMORANDUM FOR:

SUBJECT : Information Science Center

1. The ISC courses are user oriented. They teach skills in the application and use of a variety of information science methods, and they rely heavily on intelligence related exercises as the major teaching method. These exercises are built around the capabilities of the DIAOLS systems. The DIAOLS system provides the following capabilities and components for these courses:

- Two GE 635 computers
- GECOS III Operating system
- BASIC user language
- ISS - Intelligence Support System - the basic DIA computer intelligence files, on-line
- 7 Teletype terminals, punch paper tape capability
 - 1 Raytheon Cathode Ray-tube terminal
 - 1 CIRCOL terminal and microfilm files and readers
 - 1 Inktronic high speed printer
- Modems and crypto
- GE/DIAOLS library of special application programs and routines (linear programming, statistics, etc.)
- Special exercises which have been programmed and installed
- 5500 ft² vault, secure for SI/TK and TEMPEST
- System maintenance and up-date

2. These facilities or the equivalent are essential for teaching skills in the application of systems methods to intelligence work. The development of equivalent capabilities would involve the following:

- Installing BASIC language capability on a CIA computer
- Converting all of the existing ISC exercise programs from GE BASIC to IBM BASIC (which are similar but different)
- Testing and debugging the software

- Installing DIAOLS ISS files on CIA computers
(This would approximately require an IBM 360-67 size computer, but not its exclusive use)
- Converting and installing the special BASIC library and exercise routines on a CIA computer
- Installation of nine terminals with data links, crypto and modems
- Security provisions for SI/TK and TEMPEST
- An additional 11,000 ft² of classroom, office and workroom space (16,000 ft² total)

3. The present CIA computer, software and file configurations would not provide the capabilities needed, in the forms required, without the above modifications. This effort would be equivalent in magnitude to the development of a major new system or to the duplication of most of the existing DIAOLS system. It would require more than a year, cost over half a million dollars, and probably require more than a dozen people.

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